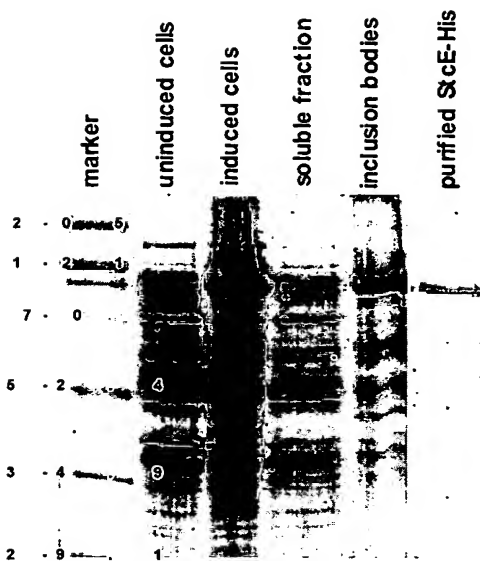


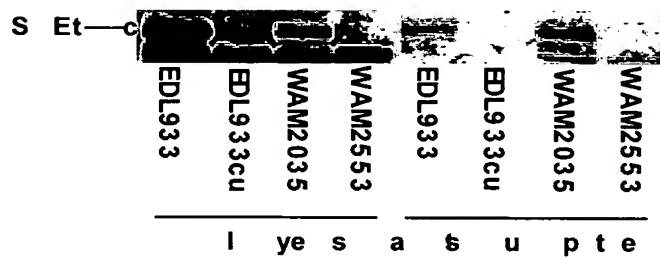
Lysates of *E. coli* strains containing pO157 induce the aggregation of Jurkat cells, while non-pO157-containing *E. coli* lysates do not aggregate the same cells.

FIG. 1



Purification of StcE-His from WAM2572

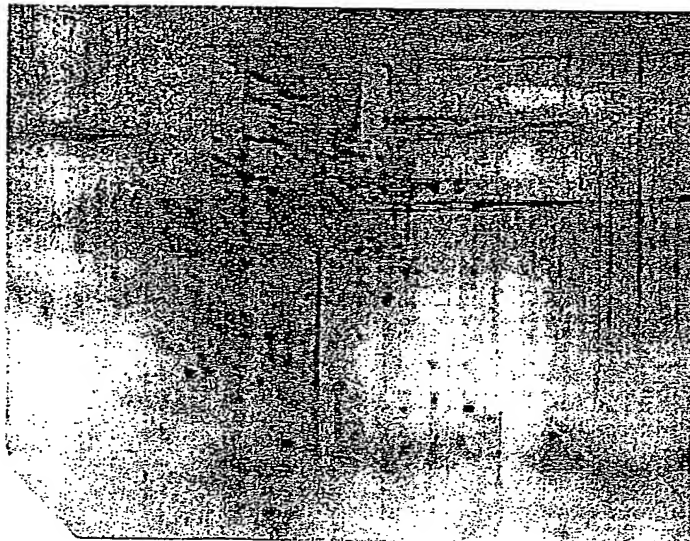
FIG. 2



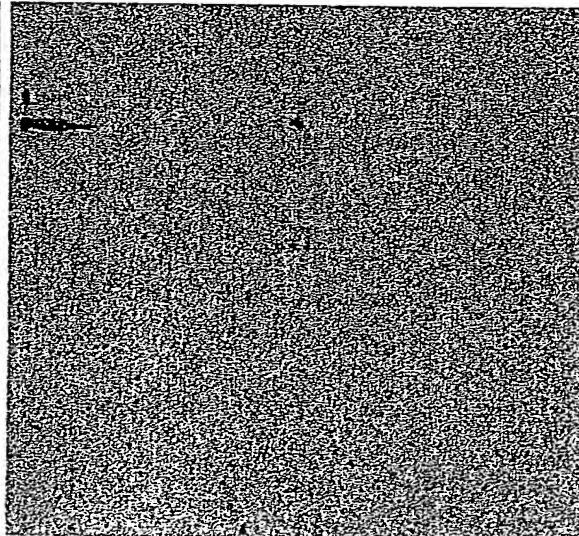
StcE is produced by strains of *E. coli* that carry pO157 but not in strains that lack pO157 or have a transposon insertion in *stcE*.

FIG. 3

A)



B)



StcE - His interacts with a human serum protein(s) of approximately 105 kDa.

FIG. 4

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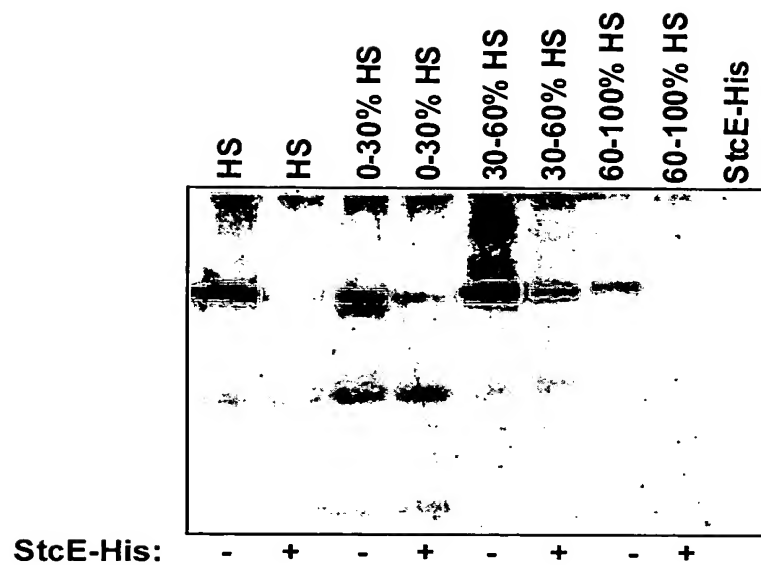
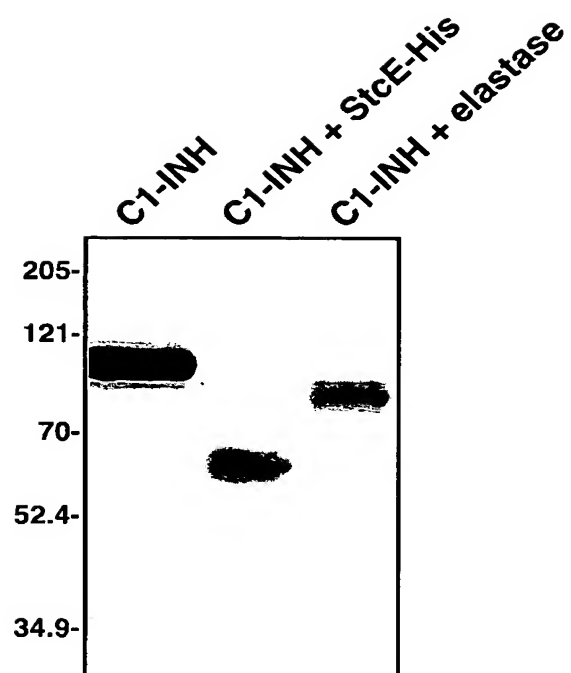


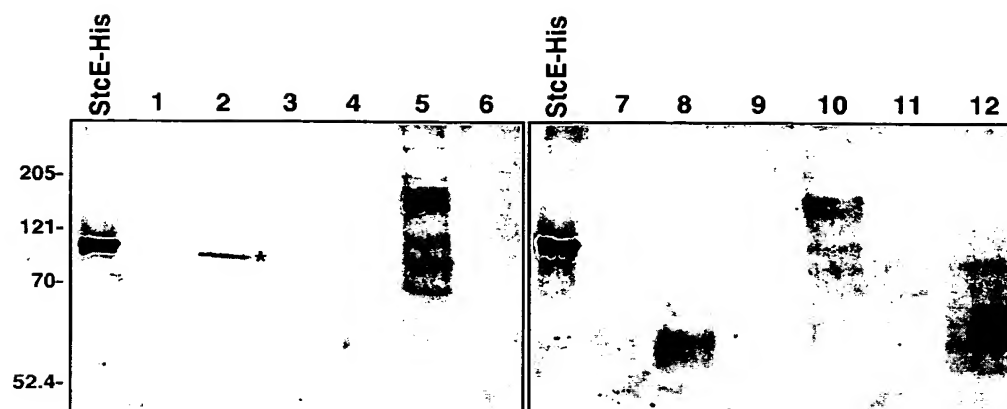
Figure 5. StcE-His cleaves C1 inhibitor in human serum.

FIG. 5



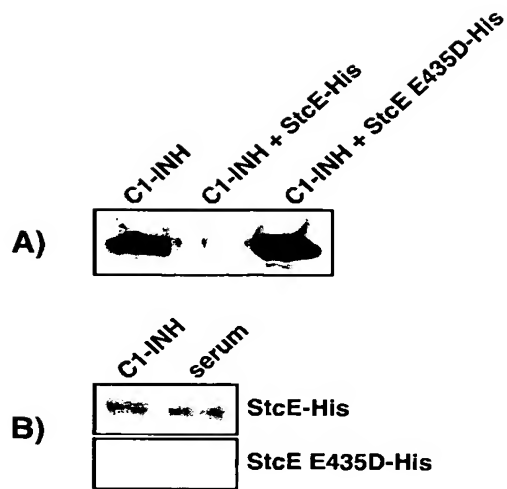
Differential digestion patterns of C1-INH by StcE-His and *P. aeruginosa* elastase.

FIG. 6



Detection of StcE in fecal filtrates from children with diarrhea.

FIG. 7



StcE E435D-His lacks proteolytic activity against and the ability to bind to C1-INH.

FIGS. 8A AND 8B

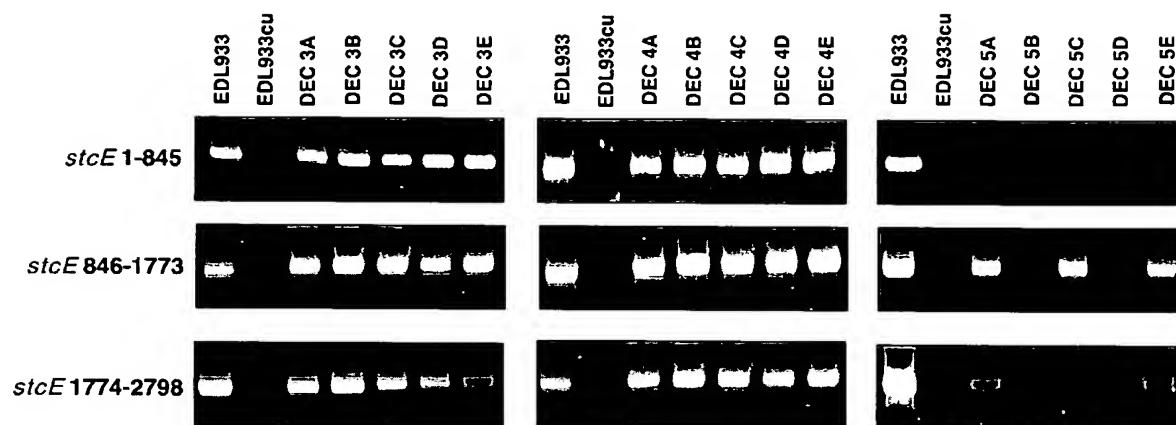
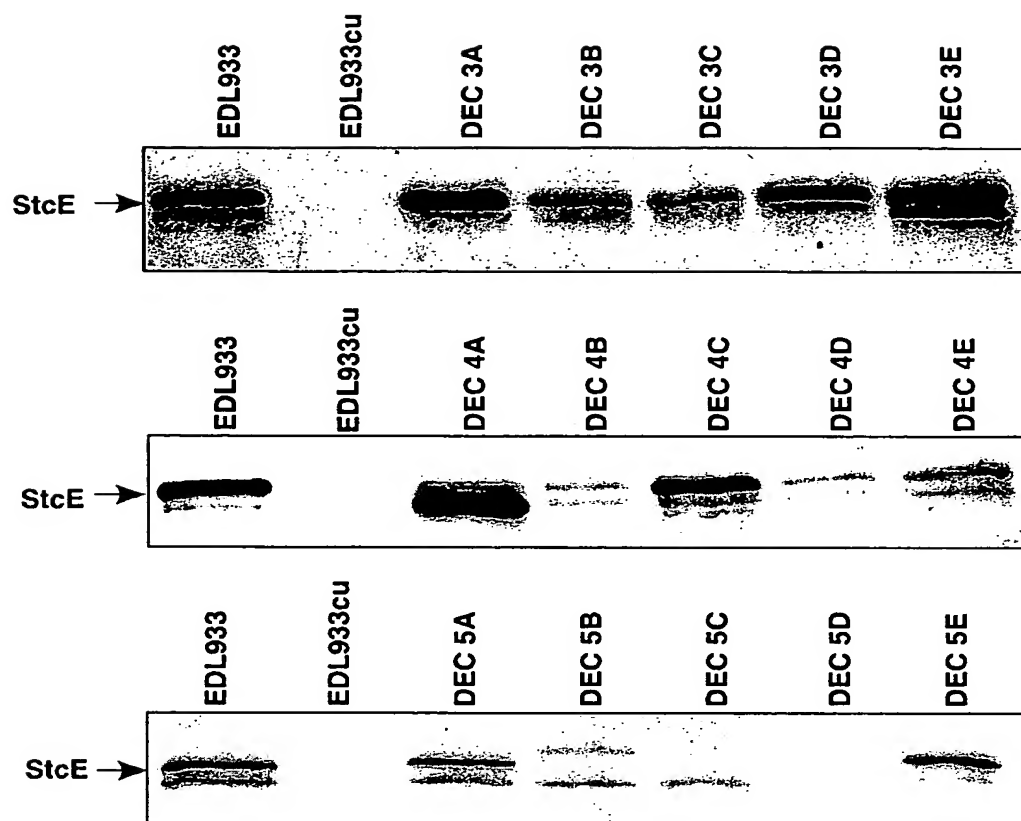


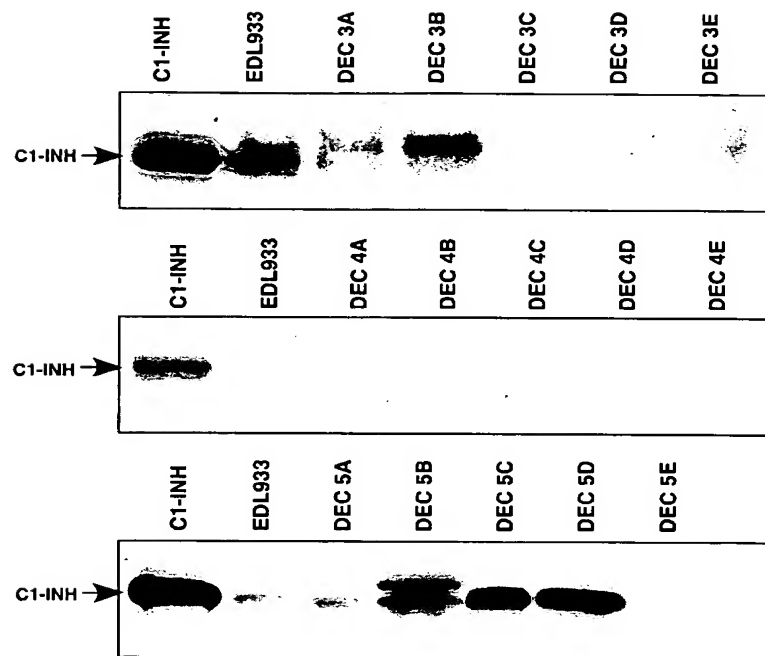
Figure 9. PCR analysis of *stcE* in the DEC collection.

FIG. 9



Detection of StcE in bacterial-conditioned culture supernatants.

FIG. 10



Detection of C1-INH proteolytic activity in bacterial-conditioned culture supernatants.

FIG. 11

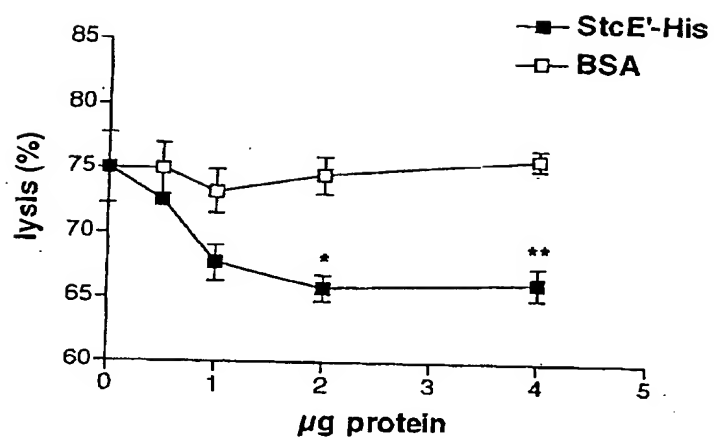


FIG. 12

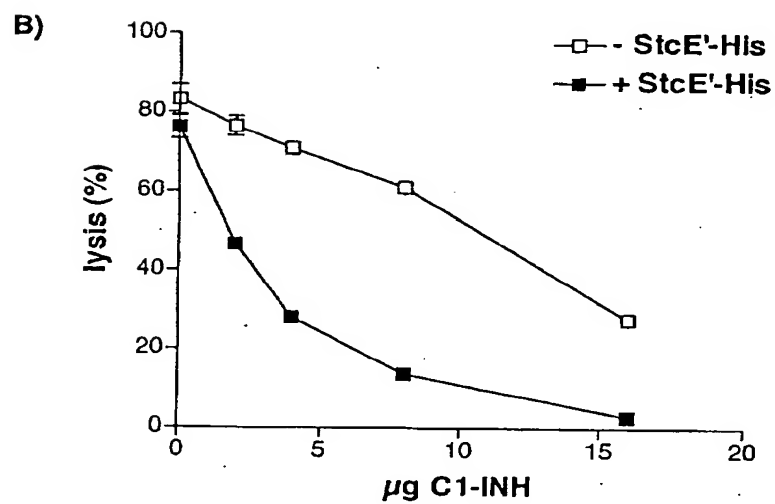
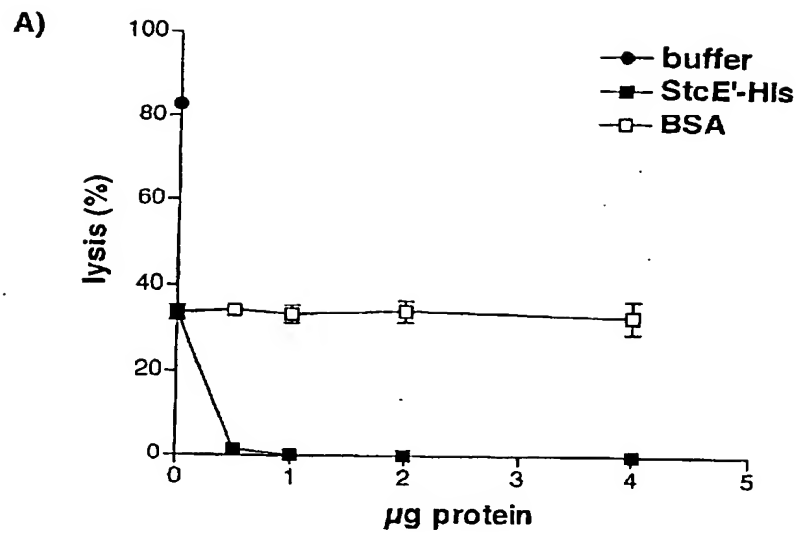


FIG. 13

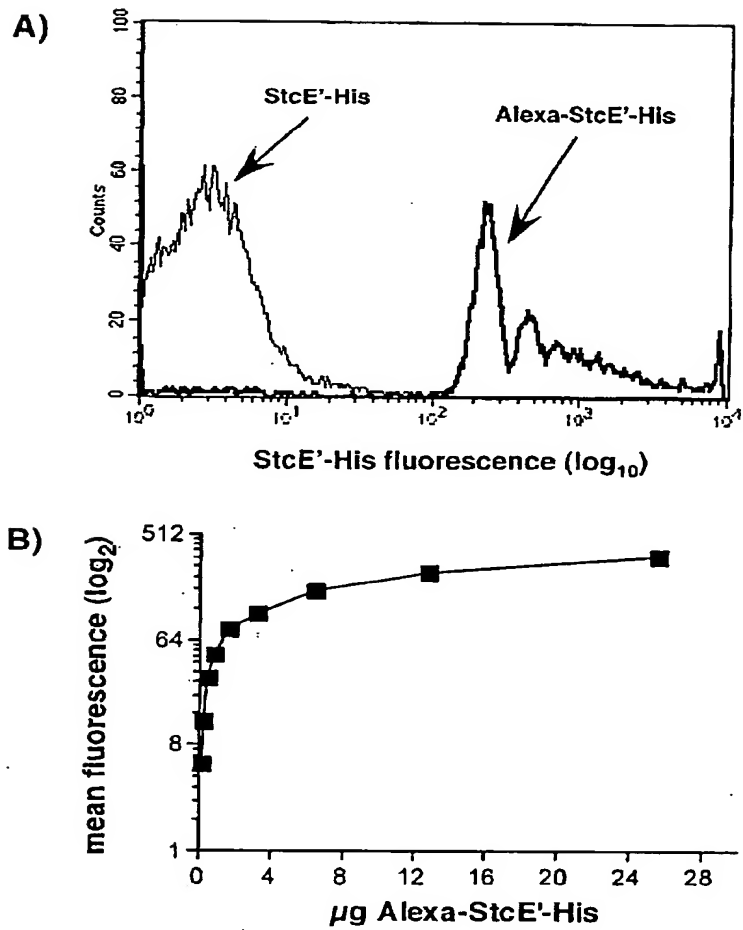


FIG. 14

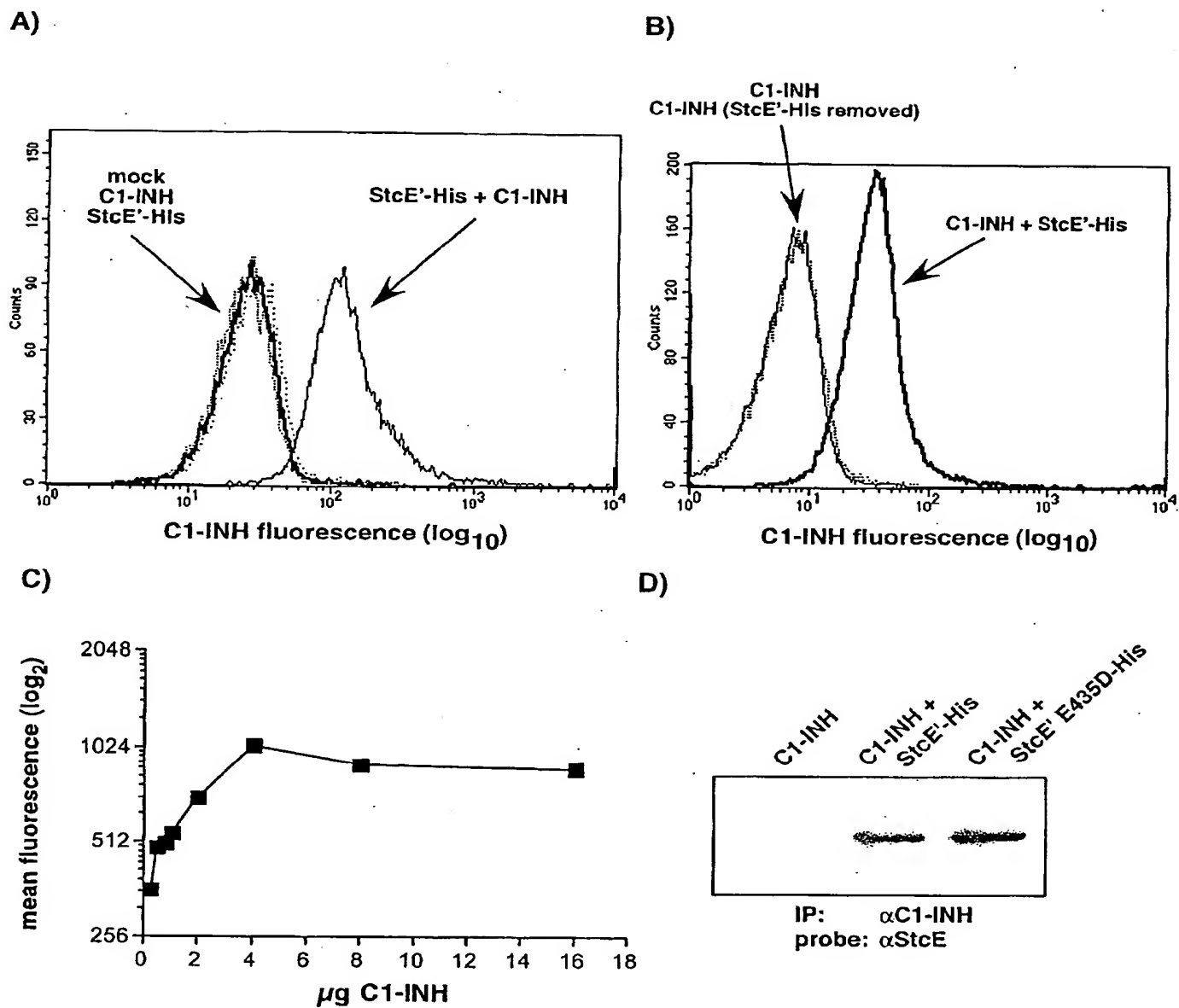
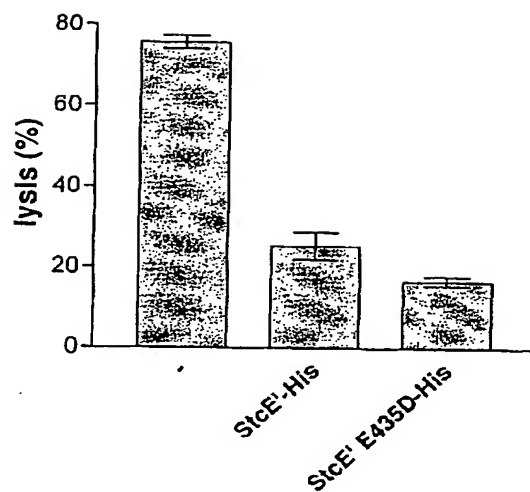


FIG. 15

A)



B)

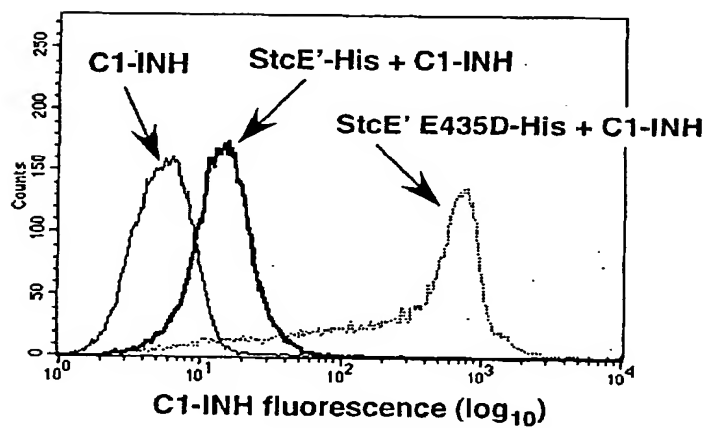


FIG. 16

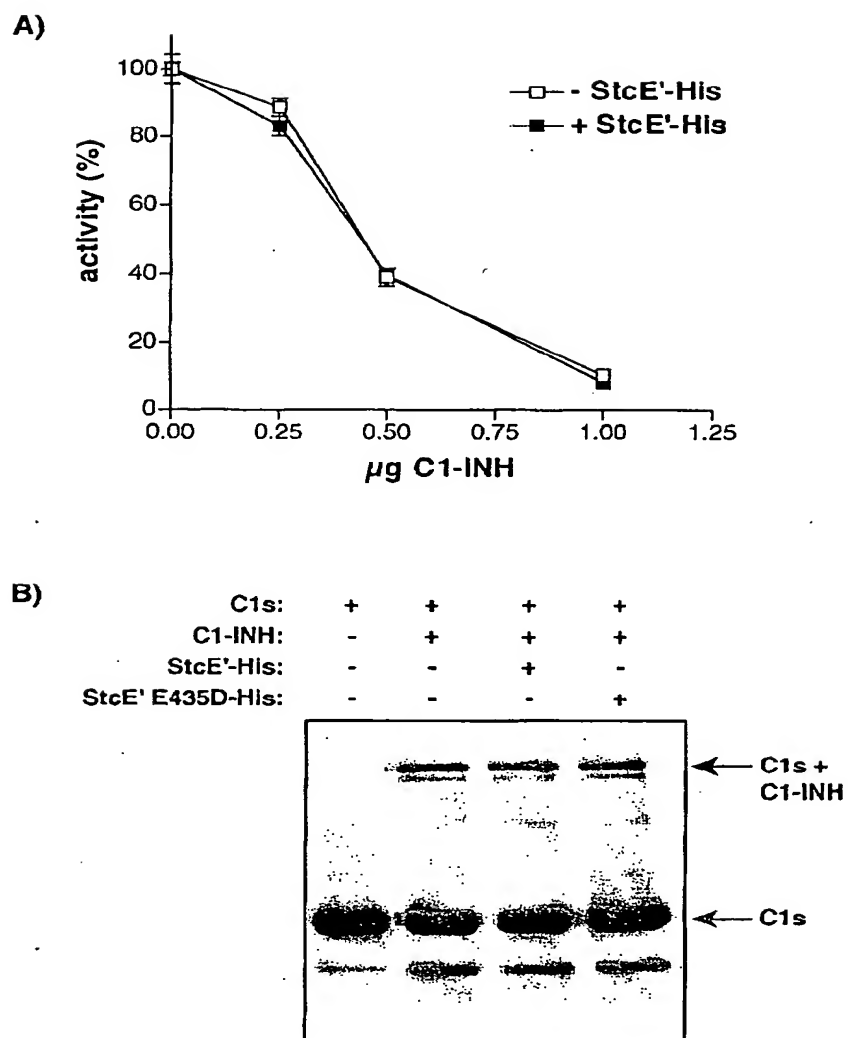


FIG. 17

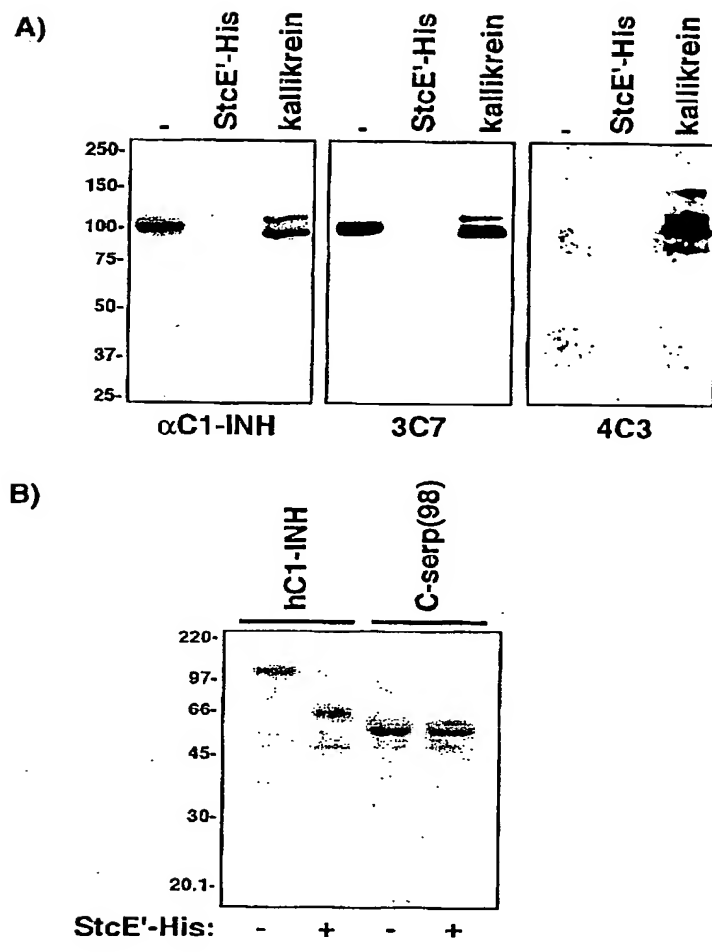


FIG. 18

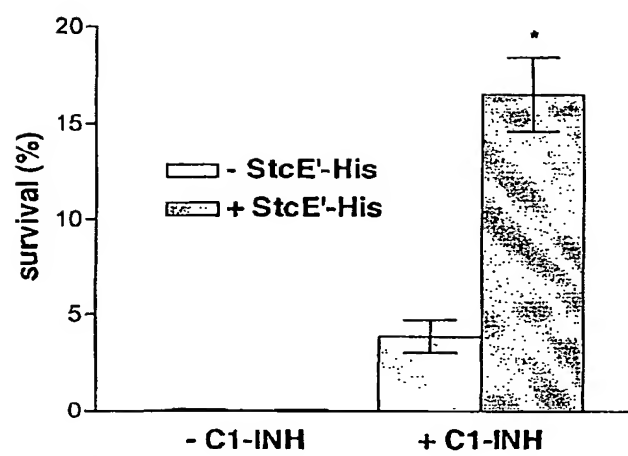


FIG. 19

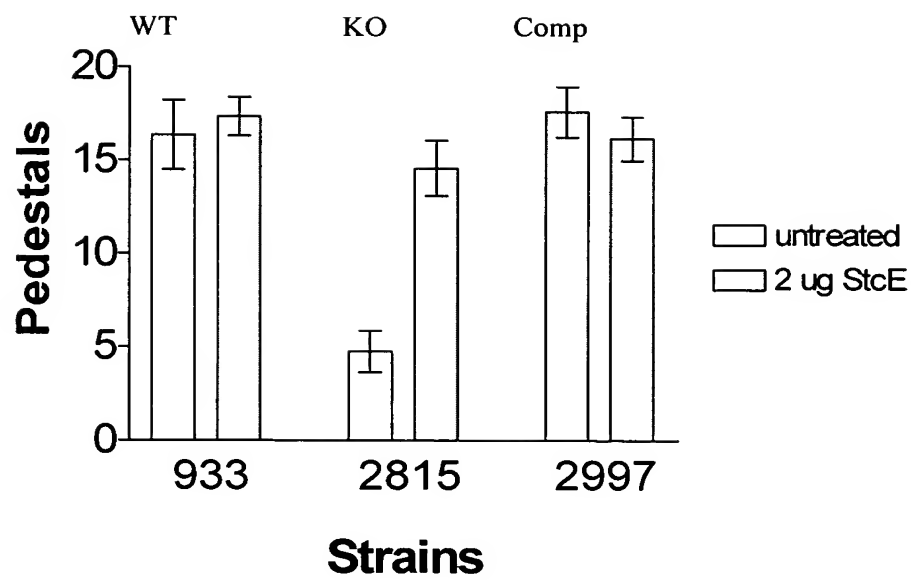


FIG. 20

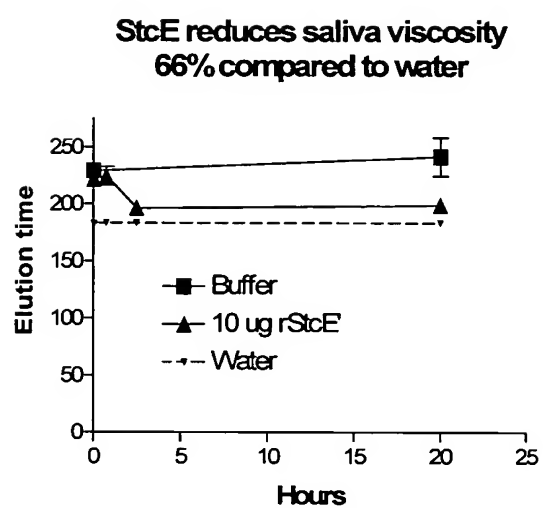


FIG. 21



FIG. 22

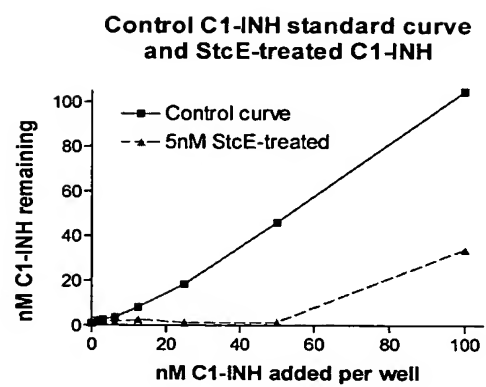


FIG. 23